

**September Meeting**

Friday, September 18

7:00 PM

Auction

Our Savior's Lutheran Church
1035 Carol Lane
Lafayette, CA

The second club auction of the year will be held on Friday, September 18th. The doors open for setup at 6:00 pm. The auction starts at 7:00, an hour earlier than the usual meeting time, and ends promptly at 10:00. There will be no VE exams this month

Presidential QRM**By Sam Lipson, KO6JR**

Summer is coming to a close and that means it is Auction time. This month's meeting is dedicated to our semi-annual auction. This is the time for you to look around the shack and clean it out. You may not want some items anymore, but someone else may be looking for that item. You benefit, the buyer benefits and the Club benefits; it is a win, win, win situation.

Although the summer is nearly over, our public service events are not. Please consider working some of the remaining events. If you can help out, call Jeff, KF6EUM, and let him know. I also want to take this time to again thank everyone who has participated in events this year. Your work is greatly appreciated, especially by the organizations which we serve. This has been a very busy year for public service (including the Police and Fire games) and I want to thank everyone who volunteered.

Next month brings PACIFICON '98. This is our first year at the Sheraton and with it will come new challenges. I urge everyone who can to volunteer some time to this great convention. It is our 7th year putting on the Pacific Division of the ARRL annual convention. We should be very proud of our convention. It has grown each and every year, due mainly, to people like you who volunteer some time to make it a great convention. If you can help out, call Greg, KE6VTA, and let him know. He'll let you know what still needs to be done.

Let's continue to have a great year and I'll see you at the Auction and Pacificon.
73, Sam, KO6JR

Emergency News and Views**By Robert P. Hampton, KF6FGH**

Well I'll be, here I mention how quiet it is around here last issue and San Juan Batista gets a 5.3 quaker (moderate but noticeable)!

Well this will be a good lead-in into some safety issues (mainly yours and the people/family immediately around you when one happens). Now I am not only talking about earth quakes, but they are our most serious threat around here besides fires (potential big ones!).

Your immediate concern is to get yourself to an area of safety. This might mean getting out of bed without getting hit in the head by those beautiful vases you have on your headboard, or that nice breezy broken window pane next to your bed. Or, maybe you're at work in a building with lots of glass windows. (FYI...The San Francisco Fire Department expects about 4-6 feet of glass in the Downtown area streets to walkthrough if a "big one" hits (fact). Glass, feet and hands don't get along too well (you fire and glass walkers maybe exempt). A trick is to take a big heavy-duty plastic garbage bag (remember "don't step in it..."?) and stick some old high-top boots in it. Might as well stick a pair of gloves, pants, shirt, socks, safety glasses, a roll of duct tape to affix around the bottom of your pant legs to ward off more glass injuries, and a flash light too. Tie it to your bed or other object within your proximity. Then if you get caught in a nice 7.3 in the middle of the night and your bed rolls across the room, walla! instant protective clothing.

Now that you can get around it's time to check out yourself and the other fine folks around you for pain and suffering. Remember not to move anybody if you don't have too. You may upset a broken bone or puncture a vital organ (heart, lungs, etc.) with the bone. Only if there is immediate danger of collapsing walls, hazardous materials, or fire, should you move anyone before a paramedic arrives. You can treat people's wounds and shock by Triage Categories; IMMEDIATE—life threatening, DELAYED—

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Mt. Diablo Amateur Radio Club W6CX

P.O. Box 23222
Pleasant Hill, CA 94523
(510) 932-6125

The Carrier is a monthly publication of the Mount Diablo Amateur Radio Club (MDARC). It is the policy of the editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio and of interest to MDARC members, and space is available.

All material must be submitted to the editor by the first of day of the month of publication. Material is accepted on a first-in, first-out basis. Articles and other material may be submitted via Internet email to w6uv@home.com (preferred), w6uv@dnai.com, or delivered to the editor at the address listed below. Material will be accepted in plain ASCII, Word for Windows, or WordPerfect format. Material may also be submitted as hardcopy.

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Rare PACIFICON event

By Greg Estep, KE6VTA

It will never happen again, so do not miss this PACIFICON banquet. It will be held October 17 at the Concord Sheraton at 7:00 P.M. Gordon West, popular amateur radio columnist, ham operator, and blue-water sailor will be our guest speaker and we need your reservations now. The dinner will be a buffet for \$29 and we will not see this price ever again. In case you have misplaced your PACIFICON brochure. Here is a form to mail to:

PACIFICON '98

P.O. Box 272613
Concord, CA 94527

Make checks out to PACIFICON.

Name: _____ Call: _____

Address: _____

City: _____ State: _____ Zip: _____

Antenna Seminar _____ @ \$10 = _____

(Friday only)

PACIFICON Admission _____ @ \$5 = _____

(Saturday and Sunday)

Banquet (Saturday eve) _____ @ \$29 = _____

Total _____

PACIFICON admission at the door is \$7.

Banquet and Antenna ticket are sold only through the mail so get you ticket now.

Emergency 911 Etiquette

The following etiquette should be followed when using the "911" emergency on the W6CX Repeaters.

"911" rings the 911 emergency line at the Contra Costa Sheriff in Martinez. When the operator answers she will answer with something like "Police Emergency".

Your response should be "This is a radio mobile". By saying this she knows there is no call back number. They do not care that you are an Amateur Radio Operator or have call letters.

If you are reporting an accident and want the CHP or local Police Department, JUST say please transfer me to the XXXXXXXX. The operator will then transfer the call to the local jurisdiction or the CHP.

If reporting a road hazard or accident be ready to describe: Your location. What highway. Your direction. What lanes involved. Description of Vehicle. Injuries involved. Etc.

Keep it short. The timers on the emergency numbers are set for 10 minutes.

A typical session may be like this:

Dial 911.

911 Operator: "This is Police Emergency"

Amateur: "Please transfer me to the California Highway Patrol"

911 Operator: "Transferring call to the California Highway Patrol"

Phone rings for CHP.

CHP operator: "CHP Emergency"

Amateur: "This is a radio mobile. There is an accident northbound on high-

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Emergency News and Views

continued from page 1

Non-life threatening, and DEAD—self explanatory. Your calmness and coolness in such a disaster situation will help others from panicking (you don't want *panic!!!*) Ask others to help, this will also sort out who is OK, delirious and in shock, DELAYED or in IMMEDIATE trouble!

Attend an American Red Cross (ARC) or similar First Aid and CPR class. About 80 percent of deaths during the Kobe, Japan, quake could have been avoided if people knew at least how to get someone's breathing or their heart started again, and assisting shock victims (fact!)

Always keep some emergency supplies and any extra medicines you might be taking at home, in your vehicle, and at the work place.

Also have a lot of water available (lots of water!) At 8 lbs per gallon it's not something you can just carry around. You must have some stored away and ready. You will need some for yourself, family, and pets for how ever many days. I went camping this summer with my son and it was amazing how much water you can go through in just a couple of days and when you don't have a readily available tap; it becomes like gold!

Other items are also necessary or helpful during a disaster: flash lights, radios (both HAM and AM/FM) of course with extra *charged* batteries, extra clothes and undergarments, some kind of long crowbar or 2x4 (to break or pry windows, walls, doors), candy bars, peanuts, and canned juices for energy re-supply while you're rescuing folks, baby food and formula, pet food, tooth brushes and pastes, extra reading glasses, sanitary and hygiene items, soaps, medicines, and a couple of rolls of Charmin. By the way, another use for those big plastic garbage bags (remember "don't step in it...") is if you're without water you can place one in the commode like a trash can and put the seat down over the ends. Then you can "do your thing" and bury it in the back yard until after the crisis is over! Remember there may be no water, utilities or garbage pickup for a long time! There may be some water in your hot water tank for emergencies.... Just watch for impurities seeping in the water reserves....

Emergency 911 Etiquette

continued from page 2

way 680 just past the Willow Pass exit in the number 1 lane. (Lanes are counted from the left). It appears to be a non injury accident. The number 1 lane is blocked."

The CHP operator will acknowledge your call and may ask your name. Just pass on your name.

When done hang up.

The 911 operator can transfer you to all Police Departments, Fire Departments and the CHP.

Keep up the good work out there reporting problems.

Jay D. Caldis, KT6Y, Trustee W6CX

MDARC Board of Directors Minutes

August 10, 1998

The meeting was called to order by President Sam Lipson, KO6JR, at 7:30 p.m. at Emil Villa's Restaurant, Concord. Other officers and directors present: VP Stu Cannon, KE6OFD, Sect'y Paul Dickey, N6JOX, Treasurer Greg Estep, KE6VTA, Cal

There are many excellent books and public service documents that show what you may need for survival. Go to a library or the Internet. There is no time like now. Pick a place to meet your family, and select an out-of-state relative or friend that all of your family can call to check-in. During the Loma Prieta quake, I could not call from San Francisco to San Ramon or Fremont to check on family, but I did get through to Florida. I had to wait off-hook on a pay phone for about 4 minutes before I got a dial tone, and another 3-4 minutes before it accepted my calling card# and telephone number (yes it took my calling card number!). Carry change with you, it may go quicker (it's now \$.35 to make a local call, and long distance calls cost more). (FYI.. pay phones are usually the last to be shut down by the local Bell companies in an emergency!)

Another FYI: your cell phone may or may not be working. If you're talking to another phone in the same Bell switching office you may get through, but if your cell phone is not connected to the same Bell switch office as your calling party you may be in dire straights as the lines between the Bell offices may be broken, or shut down for emergency traffic only (i.e. hospitals, gov't agencies, fire, police...). Take your hand-held radios or mobile radios with you to work. It may be your only communications back to the homeland! They do not do you any good sitting on a shelf at home!

Well I hope this helps you a little and gets you to thinking how to prepare yourself and your family for such an event. Again, the Neighborhood Emergency Response Team (N.E.R.T.) training offered by both the San Ramon and San Francisco Fire Departments are great, as well as the First Aid and CPR classes offered by A.R.C. and some local Jr. Colleges.

I will talk about utilities and get you in this nice weather cleaning out your water shut-off valve compartment in the next issue. Have fun and get prepared.

Are your batteries still charged? Have you participated in any public service events this year? Do you know the Coco County RACES/ARES emergency frequencies? See ya next issue... 73

...-_-

Groom, KE6OEI. Committee Chairmen present: RRRG—Jim Brunk, N6BHX, Social—George Roush, WB6OFH and Tracey Schwartz, KE6TOT (both in part). Others present: Pacificon—Dick Brown, KT6X, Jay Caldis, KT6Y; Rocky Ridge Repeater—Dick Schulze, AA6DL, and guest Jean Brunk, N6LGE.

Tracey reported on preliminary plans for the Christmas party, tentatively scheduled for Wednesday, Dec. 9. Several methods and details were discussed.

Jim led a discussion of RRRG business:

- a) possible move of Keith, N6PMF.
- b) purchase of radios for APRS nodes, if not donated.
- c) pending connections and installation of the 220 box.
- d) possible by-law change for the repeater operations committee.
- e) miscellaneous other items.

Greg discussed needing more help at Pacificon.

Stu reminded the Board of sailor Dave Clark's request for contacts, and request for help in fixing an Icom rig. Stu also noted the general meeting would feature Jim Maxwell as speaker.

Greg discussed the Treasury and the budget/actual report. The Board **approved** the reallocation of \$600 to the member-

ship budget for renewal mailers.

Jim discussed the need for VE examiners for test sessions.

Sam adjourned the meeting at 8:38 p.m.

Respectfully submitted,
Paul Dickey, N6JOX, Secretary

MDARC General Meeting Minutes

August 21, 1998

The meeting was called to order by President Sam Lipson, KO6JR, at 8:02 p.m. and announced the evening's speaker would be Jim Maxwell, W6CF, ARRL

Vice-Director of the Pacific Division, who would be available to speak on RF safety requirements or on the new licensing proposals. The members chose to hear about the new licensing proposals. Guests included KD6DCP, and K6NEX with two upgrades and new call sign.

Jim Wallace, WB6LQG, Education Chairman, announced 3 new technicians, 2 generals, one tech plus, and 14 elements successfully passed.

Keith Lattin, N6PMF, announced ATV repeater frequency changes.

Lauren Styles, reminded members of various events needing operators, including the Hekathon on Sept. 6. He also mentioned that the score for Field Day

was figured to be 5710, but the official results will not be out until October.

George Roush, WB6OFH, mentioned planning for the December party.

Jerry Gardner, W6UV, discussed the Carrier.

Harry Styron, K6MFV, noted that the antenna ordinance adopted by the County Board of Supervisors does not apply to the amateur service.

Greg Estep, KE6VTA, Pacificon Co-Chairman, discussed miscellaneous points in regard to the event.

Sam noted that 6 week fall classes would soon start, and that RACES would sponsor a training session on Sept. 16.

In regard to RACES, Mike Patterson,

12 Store Buying Power!



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John, K6NJC, Mgr.
Doraville, 1 mi. N. of I-285

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(800) 444-4789
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KE6JGA, mentioned that some new cards have been issued by the Sheriff's Office, and explained the new card requirements.

Sam noted contacts requested by sailor Dave Clark. Also, Sam announced that the club had received the Special Service Award designation from the ARRL, through 1999.

Greg Estep, KE6VTA, Treasurer, announced the Treasurer's report.

The members **approved** the minutes of the previous meeting.

Sam advised the members that renewal notices would be sent out Nov. 1, and \$600 had been approved by the Board for this purpose.

Walter Moser, AB6GI, asked about antenna restrictions at OES, and proposed a club station. The membership **approved** his motion that the Board consider such an endeavor at its Sept. 14 meeting.

Sam adjourned the meeting at 8:41 p.m. for refreshments and an informative talk on the new licensing proposals by Jim Maxwell.

Respectfully submitted,

Paul Dickey, N6JOX, Secretary



Give Away Teletype Equipment

By Terry Dearborn, W6HPC

A Lafayette Ham wants to get rid of perfectly functioning Teletype equipment that he brought back from Germany when he left the service. His price? A GIFT.... FREE.... no charge. Items:

Model AR 15 with parts. Prints 60 w/min. He has been using it on HF.

Military style TU for the above item

Tape reader

Model 33 which he as been using on VHF.

In my opinion, this is not the way to START digital radio. But if you once used this kind of equipment then here is great chance to acquire a conversation piece, even if you don't connect it to a radio. "There is something about the smell of hot TTY oil in the morning" that will bring back memories.

I think that the digital modes are best done by computer. This is because software programs like AMTOR and PACTOR, and PACKET do a faster and more accurate job of moving printed text. Even so, there are still RTTY contests every year. RTTY is slow enough that you can be lulled to sleep by it's musical sounds.

If you are interested, you can contact the owner directly:

Mort Mitchell, WB0QCR, at 283-6980.

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1839 East Street
Concord, CA 94520
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Mon - Fri, 10:00 - 5:30, Sat: 9:00 - 4:00

In downtown Concord between Willow Pass Road and Concord Blvd.



Mount Diablo Amateur Radio Club

Repeater Operation Rules

The Mount Diablo Amateur Radio Club maintains and operates high-quality, wide-coverage repeaters for the use of all amateur radio operators. Operation and use of these repeaters shall comply fully with the Amateur Radio Service (Part 97) regulations of the Federal Communications Commission's Private Radio Service, and the following rules of the Mount Diablo Amateur Radio Club:

1. The repeaters are provided for the purposes of contacting and passing information between fellow amateur radio operators, and providing service to the public as a voluntary, noncommercial communication service, particularly with respect to providing emergency communications.
2. In the spirit of the Amateur Radio Service, users shall respect and support each other in a courteous and positive manner.
3. Due to the wide coverage of the repeaters and the club's large membership, the length of QSOs should be kept to a minimum. Conversations shall be limited to 10 minutes during commute hours; 6:00-9:00 am and 4:00-7:00 pm. Operators should always pause before transmitting, to allow another station to break in. Please use simplex frequencies or HF bands for "rag-chewing."
4. Operators shall announce their call sign before transmitting any touch-tone commands, at the end of each communication, and every ten minutes or less during a communication.
5. There shall be absolutely no communications containing obscene, indecent, or profane words, language, or meaning. Discussion of political or potentially sensitive social issues shall be avoided.
6. No one shall cause or condone the malicious or intentional interference of anyone's communications on the repeaters.
7. Operators shall not communicate with, or discuss the actions of, anyone who violates these rules.
8. Control Operators are required to turn off a repeater to terminate improper operation or use.
9. The Mount Diablo Amateur Radio Club Board of Directors reserves the right to forbid the use of the repeaters by anyone who repeatedly violates these rules, or anyone who facilitates or encourages others to violate these rules.

With Apologies to Gilbert and Sullivan

By Tim, KF2UM

Oh, I am the very model of a modern Amateur General.
I turn on my new radio and send signals quite ephemeral.
I bought an old brass straight key and my fist is now exceptional.
Oh, I am the very model of a modern Amateur General.
I turn on my two meter rig and say that I'm here listening.
I carry my black HT out to Four Weddings and a Christening.
I drive to K2KJI's garage and there with glee my eyes are glistening.
Oh, I am the very model of a modern Amateur General.
I spin the dial from dusk to dawn across the sagging low bands.
My children—what's their names now?—beg to make a snowman.
My spouse says either she or that radio's gonna go man.
Oh, I am the very model of a modern Amateur General.

I m really gonna miss her as she tossed her head quite prettily.
But chaps that write on packet turn their phrases oh so wittily.
There s a contest coming up and I m starting to get jittery.
Oh, I am the very model of a modern Amateur General.
I have a fascination for all things electronical.
I log on to the Internet and hunt for things Veronical.
I flame the geeks in cyberspace for being so sardonical.
Oh, I am the very model of a modern Amateur General.
I read CQ and QST because they are so factual.
I rack up points at Field Day cause my accent s quite theatrical.
I joined the Quarter Century Club as I'm somewhat geriatric.
Oh, I am the very model of a modern Amateur General.
Yes, I am the very model of a modern Amateur General.
Yes, he is the very model of a modern Amateur General.
Yes, he is the very model of a modern Amateur General.

NETS

W6CX Nets

APRS Net Tuesdays 1930 Hours
 147.060/+ (100 pl)
 Net Control: Barry, KC6WYA

Phone Net Thursdays 1930 Hours
 147.060/+ (100 pl)
 Net Control: Jay Caldis, KT6Y

ATV Net Thursdays 2000 Hours
 Net Control: Mike Burke, KB6RMT
 Alternate: Sylvia, KC6YJV

Youth Net Thursdays 1900 Hours
 147.060/+ (100 pl)
 Net Control: Jeff Burke, KE6YAW

Contra Costa County Emergency Services HF Net

First Thursday following first Wednesday, 2000 Hours, 3.895 MHz. Net Control: Richard Shappee, WA5HQJ

Sheriff's Amateur Radio Communications Team

Clay Yale, N6YBQ
 (510) 228-8223

CCRA Net Mondays 1935 Hours
147.735- 145.49- 145.41- PL: 107.2

CCCC Net Thursdays 1930 Hours
145.11- PL: 82.5

Contra Costa County ARES/RACES Nets

Thursdays, 1900 Hours

Central County	145.680 Simplex Jim Brunk*, N6BHX (510) 372-8248
East County	146.535 Simplex Jim Tittle*, KC6SOE (510) 432-3220
South County	146.355/+ (100 pl) Ed Ritchie*, K6SFD (510) 837-3265
West County	145.110/- Rich Parker*, KD6JCT (510) 237-2777

QSY to 147.735/- at 1920 Hours
 Meeting of all County ARES/RACES Nets
 Sam Lipson, District Emergency Coordinator, KO6JR
 (510) 229-5705

* Assistant District Emergency Coordinator

W6CX Signal Strength Report Form

The Rocky Ridge Repeater Committee is trying to determine how our new antenna location has affected coverage. We would appreciate it if as many members as possible would fill out and return the attached form. If you operate from multiple locations, with multiple radios or antennas or on multiple MDARC repeaters, please copy the form and submit one for each location, radio, antenna and repeater. Please fill it out as completely as possible, but if there is some information you do not know don't let that stop you from sending it in. The more replies we can get the better we will be able to evaluate our coverage and make plans for improving it.

Please send your replies to Jim Brunk, N6BHX. Mailing address: 514 Palms Drive, Martinez, CA 94553. E-mail: brunk@ix.netcom.com or via the DesignLink BBS. This form is also available on the MDARC Web Page and on the DesignLink BBS.

If you are using a "beam" antenna, be sure it's pointed at the top of Mt. Diablo.

Which repeater? • 147.060 • 224.780 • 441.325

Length and type of coax (if any):
 Type of receiver:

Your location (city and cross streets please):

Received signal strength:

Height of your antenna above ground:

Are you using a preamp? If yes, how many dB gain?

Type of antenna:

Comments? (Please include any pertinent information such as if there is a big hill directly between you and the top of the mountain.)

Gain claimed by antenna mfr.:

CALENDAR OF EVENTS

September 14	7:30 pm	MDARC Board Meeting	Emil Villas, Concord
September 18	7:00 pm	MDARC Meeting	Our Savior's Lutheran Church 1035 Carol Lane, Lafayette
September 26		October <i>Carrier</i> Deadline	
October 4	1:00 pm	Sunnyvale VEC Exams Gene Capener, WW6H, 510-254-5090	Consolidated Fire Training Center 2945 Treat Blvd., Concord 1st Sunday even months
October 16-18		Pacificon '98	Concord Sheraton

The Carrier
Newsletter of the Mt. Diablo Amateur Radio Club
P.O. Box 23222
Pleasant Hill, CA 94523

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Change In Service Requested

MDARC Fall Auction
Pacificon '98

September 18
October 16-18